

Peak District National Park

Forecast valid from 00:00 on Thursday 04 Mar 2021 until 23:59 on Friday 05 Mar 2021

Forecast Issued on Wednesday 03 Mar 2021 at 09:48

Confidence: High for mainly dry and generally settled conditions, but Medium confidence for cloud amounts and any rain next week.

Headline for Thursday 04 Mar 2021: Mostly cloudy with low cloud, patchy mist and drizzle in morning. Mostly dry and bright in afternoon. Thicker cloud and showery rain after dark, but clearing in evening.

Mountain weather hazards on Thursday 04 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Fog	Fog	Dull	Cloudy	Dull	Light snow	Cloudy
Precipitation probability							
40%	10%	10%	10%	<05%	30%	70%	10%

Forecast for Thursday 04 Mar 2021

Weather: Showery rain clearing in early hours then a few clear spells developing, but mostly cloudy overnight with low cloud and mist developing. Cloudy and rather murky start with low cloud and a little drizzle, but cloud slowly lifting and becoming a little more broken through the morning. Some brightness in afternoon but mostly cloudy. Thicker cloud after dark will bring showery rain, this falling increasingly as snow above 400m. Cloud, rain and snow clearing in evening with some clear spells developing.

Chance of cloud free mountain/hill tops above 600m: 20% in the morning, 70% by the afternoon, but 20% again for a time after dark

Visibility: Generally good beneath cloud, but poor in mist and patchy drizzle and poor at height in the morning with extensive cloud down to 300-500m, but more broken and above 600m in afternoon, though lowering again after dark.

Forecast for Thursday 04 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 NE	12/16 NE	13/19 NE	14/20 NE	16/22 NE	15/22 NE	17/25 NE	18/26 NE	16/24 NE
300	7/12 NE	8/15 NE	7/14 NE	10/16 NE	11/18 NE	10/16 NE	12/20 NE	11/19 NE	9/16 NE
Valley	7/12 E	8/16 NE	7/17 NE	8/16 NE	9/17 NE	8/16 NE	10/21 NE	8/20 NE	6/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-1/-7	-1/-7	-1/-7	0/-6	1/-4	-0/-6	-2/-8	-2/-8
300	1/-2	1/-3	1/-3	2/-2	3/-1	4/0	3/-2	1/-3	0/-4
Valley	2/-1	2/-2	2/-2	3/-1	4/1	5/2	4/-0	2/-2	1/-2
Freezing Level*	400m	400m	400m	400m	500m	700m	500m	300m	200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling chilly, but relatively light winds, perhaps a significant chill over the tops with snow and fresher winds

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 03 Mar 2021	0mm	0mm	0mm

Forecast for Friday 05 Mar 2021

Weather: Clear spells overnight and a frost developing. Then a chilly, frosty start, with perhaps some fog or freezing fog in valleys, but this will clear in morning then a bright day with sunny spells. Clear spells in evening and frost returning.

Maximum wind: Easterly, later southeast 15-20 mph, decreasing 10mph in afternoon

Chance of cloud free mountain/hill tops above 600m: 80-90%

Visibility: Good or very good, but poor or very poor in early fog, but some patchy cloud down to 600m at times

Temperature: **Valleys:** Zero to minus 2 C rising to plus 7 C

At 600m: Zero C

Freezing level: At most levels at first, but main freezing level around 600m